



Mineral Industry Surveys

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IRON ORE IN JUNE 2002

U.S. mine production of iron ore in June 2002, on a daily average basis, was 4% higher than that of the prior month, according to the U.S. Geological Survey. Shipments increased by 13%, and mine stocks decreased by 10%. Consumption and trade data for June 2002 will be included in a subsequent issue.

Note

All data in this report have been rounded to no more than three significant digits. Totals and percentages were calculated by using unrounded data.

TABLE 1
U.S. PRODUCTION AND SHIPMENTS OF IRON ORE 1/ 2/
(Exclusive of ore containing 5% or more of manganese)

(Thousand metric tons)

Period	Production		Shipments	
	Monthly	Year to date	Monthly	Year to date
<u>2001:</u>				
June	3,120	23,200	5,310	23,000
July	3,610	26,800	5,290	28,300
August	4,350	31,200	5,420	33,700
September	4,520	35,700	4,820	38,500
October	4,160	39,900	4,850	43,400
November	3,430	43,300	4,290	47,700
December	2,760	46,100	3,740	51,400
<u>2002:</u>				
January	3,700	3,700	2,530	2,530
February	3,200	6,890	1,360	3,890
March	3,660	10,600	2,200	6,090
April	3,840	14,400	4,360	10,400
May	4,850	19,200	5,320	15,800
June	4,870	24,100	5,810	21,600

1/ Data are rounded to no more than three significant digits.

2/ Excludes byproduct ores.

TABLE 2
U.S. PRODUCTION, SHIPMENTS, AND STOCKS OF IRON ORE IN JUNE 1/ 2/

(Thousand metric tons)

District	Production		Shipments 3/		Stocks 4/	
	2002	2001	2002	2001	2002	2001
<u>Lake Superior:</u>						
Michigan	1240	105	1370	957	1440	3640
Minnesota	3,620	3,010	4,440	4,350	4,890	5,720
Total	4,870	3,120	5,810	5,310	6,330	9,360

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Excludes byproduct ore.

3/ Includes rail and vessel.

4/ Includes mines, plants, and loading docks.

TABLE 3
CANADA: SHIPMENTS OF IRON ORE 1/

(Thousand dry metric tons)

Period	Newfoundland	Quebec	British Columbia	Total
<u>2001:</u>				
May	2,080	785	8	2,880
June	1,480	995	7	2,480
July	1,790	1,280	6	3,070
August	1,380	1,270	6	2,650
September	1,130	1,160	6	2,300
October	2,060	1,060	7	3,120
November	1,670	1,140	6	2,810
December	1,390	756	5	2,150
Year total	17,300	9,560	72	27,000
<u>2002:</u>				
January	782	630	10	1,420
February	355	699	10	1,060
March	1,060	771	5	1,840
April	1,490	913	9	2,410
May	2,390	1,240	8	3,630

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: Natural Resources Canada.

TABLE 4
CONSUMPTION AND STOCKS OF IRON ORE AND
BLAST FURNACE PRODUCTION OF HOT METAL AT U.S. IRON AND STEEL PLANTS 1/ 2/

(Thousand metric tons)

Consumption by source	Consumption of ores and agglomerates			
	May		January-May	
	2002	2001	2002	2001
United States ores	3,750	4,670	19,400	22,500
Canadian ores	246	360	1,330	1,780
Foreign ores	520	644	2,770	2,920
Total	4,520	5,670	23,500	27,200
Consumption by process				
Blast furnaces	4,110	5,230	21,300	25,100
Steel furnaces	2	3	19	12
Agglomerating plants 3/	410	437	2,170	2,100
Miscellaneous 4/	--	--	--	--
Total	4,520	5,670	23,500	27,200
Storage point	Stocks of ores and agglomerates, May 31			
	May 31			
	2002	2001		
Furnace yards	7,230	10,100		
Receiving/transfer docks	1,190	1,840		
Total consumer	8,410	12,000		
	Blast furnace production of hot metal			
	May		January-May	
	2002	2001	2002	2001
Hot metal and pig iron produced in blast furnaces	3,250	3,880	15,900	18,300
No. of blast furnaces operating on the last day of the month	28	35	XX	XX

XX Not applicable. -- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Includes agglomerates.

3/ Iron ore and iron ore concentrates consumed in agglomerating plants not located at the mine or plant site.

4/ Sold to nonreporting companies or used for purposes not listed.

Sources: American Iron Ore Association (consumption of iron ore) and American Iron and Steel Institute (production of hot metal and pig iron).

TABLE 5
U.S. EXPORTS OF IRON ORE, BY COUNTRY OF DESTINATION AND TYPE 1/ 2/

(Thousand metric tons)

Country of destination and type	2001	2002			
	4th quarter	March	1st quarter	April	May
Canada	1,370	136	738	647	695
Mexico	(3/)	(3/)	(3/)	(3/)	3
Other	2	(3/)	1	2	(3/)
Total	1,370	136	739	649	699
Pellets	1,340	135	736	647	694
Other	29	1	3	2	5
Total	1,370	136	739	649	699

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Includes agglomerates.

3/ Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 6
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE, BY COUNTRY AND TYPE 1/ 2/
(Exclusive of ore containing 20% or more manganese)

Country of origin and type of product	2002					2001
	May		Year to date			January-May
	Thousand metric tons	Value 3/ (thousand dollars)	Thousand metric tons	Value 3/ (thousand dollars)	Value 3/ (dollars per ton)	Thousand metric tons
Australia	65	572	253	2,700	10.68	319
Brazil	380	9,510	1,990	47,400	23.82	1,890
Canada	550	14,800	1,130	32,500	28.67	1,260
Chile	--	--	116	2,520	21.70	154
Norway	--	--	10	172	17.37	2
Peru	35	517	35	526	15.12	--
Other	14	1,130	77	4,000	51.83	287
Total	1,040	26,600	3,620	89,900	24.85 4/	3,920
Concentrates	70	1,110	186	3,630	19.54	159
Coarse ores	3	104	3	104	37.00	25
Fine ores	292	4,630	1,200	19,200	15.99	2,260
Pellets	573	17,700	2,020	60,600	29.97	1,270
Briquettes	11	1,030	39	3,120	81.00	42
Other agglomerates	95	1,980	162	3,040	18.75	158
Roasted pyrites	--	--	7	193	27.49	4
Total	1,040	26,600	3,620	89,900	24.85 4/	3,920

-- Zero.

1/ Data, with the exception of the dollars per ton column, are rounded to no more than three significant digits; may not add to totals shown.

2/ Includes agglomerates.

3/ Customs value. Excludes international freight, insurance, and other c.i.f. charges.

4/ Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 7
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE IN MAY 2002 1/ 2/
(Exclusive of ore containing 20% or more manganese)

(Thousand metric tons)

Country of origin	Type of product						Total
	Concentrates	Coarse ores	Fine ores	Pellets	Briquettes and other agglomerates	Roasted pyrites	
Brazil	--	--	166	214	--	--	380
Canada	70	--	27	359	95	--	550
Other	--	3	99	--	11	--	113
Total	70	3	292	573	106	--	1,040

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Includes agglomerates.

Source: U.S. Census Bureau.

TABLE 8
U.S. IMPORTS FOR CONSUMPTION OF PELLETS, BY COUNTRY 1/

Country of origin	2002					2001
	May		Year to date			January-May
	Thousand metric tons	Value 2/ (thousand dollars)	Thousand metric tons	Value 2/ (thousand dollars)	Value 2/ (dollars per ton)	Thousand metric tons
Brazil	214	6,400	1,110	32,100	28.98	173
Canada	359	11,300	916	28,600	31.17	876
Other	--	--	--	--	--	216
Total	573	17,700	2,020	60,600	29.97 3/	1,270

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Customs value. Excludes international freight, insurance, and other c.i.f. charges.

3/ Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE, BY CUSTOMS DISTRICT 1/ 2/
(Exclusive of ore containing 20% or more manganese)

(Thousand metric tons)

Customs district	May 2002	January-May	
		2002	2001
Baltimore, MD (13)	497	1,740	1,430
Charleston, SC (16)	55	79	18
Chicago, IL (39)	49	104	408
Cleveland, OH (41)	132	156	81
Columbia - Snake, OR (29)	--	28	--
Detroit, MI (38)	48	48	216
Houston - Galveston, TX (53)	11	28	33
Laredo, TX (23)	--	11	17
Los Angeles, CA (27)	--	2	--
Miami, FL (52)	--	4	--
Mobile, AL (19)	26	32	318
New Orleans, LA (20)	226	1,370	1,330
Philadelphia, PA (11)	--	3	26
San Juan, PR (49)	--	10	--
Tampa, FL (18)	--	--	37
Total	1,040	3,620	3,920

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Includes agglomerates.

Source: U.S. Census Bureau.

TABLE 10
U.S. IMPORTS FOR CONSUMPTION OF PELLETS, BY CUSTOMS DISTRICT 1/

(Thousand metric tons)

Customs district	May 2002	January-May	
		2002	2001
Baltimore, MD (13)	147	627	377
Charleston, SC (16)	55	79	--
Chicago, IL (39)	--	29	202
Cleveland, OH (41)	132	156	81
Detroit, MI (38)	25	25	216
Houston-Galveston, TX (53)	--	17	16
Laredo, TX (23)	--	11	17
Mobile, AL (19)	--	--	216
New Orleans, LA (20)	214	1,080	140
Total	573	2,020	1,270

--Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.